

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/43796

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 3/12, 15/177

US CL : 707/526; 709/327, 358/1.6; 717/176

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/526; 709/327, 358/1.6; 717/176

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|--|
| X | US 5,867,633 A (TAYLOR, III et al.) 02 February 1999 (02.02.1999), abstract, Figures 1 & 4, column 1, lines 59-67, column 2, lines 1-40, column 3, lines 15-31, column 4, lines 45-64, column 5, lines 3-10 & 25-45, column 6, lines 1-7, 15-20, 30-40, & 55-61, column 7, lines 45-50, column 8, lines 10-20. | 42-43, 45-48, 164-171, 195 |
| Y | | ----- 1- 41, 44, 140, 144, 161, 162, 195 |
| Y | EP 952513 A1 (HEWLWTT PACKARD COMPANY) 27 October 1999 (27.10.1999), abstract, Figure 1, column 2, lines 35-45, column 3, lines 25-30, column 4, lines 15-20, 29-35, column 5, lines 20-25, column 6, lines 1-7. | 6-9, 12, 20-22, 25, 28, 40-41, 44 |
| y | ANONYMOUS. Windows for Workgroups - This Newest Version of Windows has Features and Capabilities that Make it a Natural in a Networked Environment Windows Magazine January 1993, No. 401, page 132, see entire document. | 1-41 |

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"E" earlier application or patent published on or after the international filing date

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

17 March 2002 (17.03.2002)

Date of mailing of the international search report

24 APR 2002

Name and mailing address of the ISA/US

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---------------|---|---|
| X --- Y | US 5,613,124 A (ATKINSON et al.) 18 March 1997 (18.03.1997), Figure 4, column 6, lines 9-20 & 30-52; column 8, lines 23-25 & 40-50, column 10, lines 10-15 & 57-60, column 12, lines 20-25 & 30-42. | 49-73, 77-86, 88, 96-97, 100-103, 107, 111, 118-124, 126, 128, 130-131, 135-139, 141, 144, 146, 147-154, 156, 157, 160, 163, 180, 184, 186-190, 193-194, & 211-212 ----- 74-74, 89-95, 104-105, 112-116, 140, 144, 161, 164-171, 173-175, 177-179, 196-204, 208-210 |
| Y | SCHULYER, C. et al. Solution to Sharing Local Printers: LAN Systems Inc., LANSpool, \$395 per Server PC Week October 1989, Vol. 6, No. 39, pages 75(2), see entire document. | 164-171, 173-179, 181 |
| A | US 5,748,859 A (TAKAYANAGI et al.) 05 May 1998 (05.05.1998). | 1-212 |
| A | US 6,061,142 A (SHIM) 09 May 2000. | 1-212 |
| A | US 6,115,133 A (WATANABE) 05 September 2000. | 1-212 |
| A | EP 751,650 A2 (CANON KABUSHIKI KAISHA) 02 January 1997 (02.01.1997). | 1-212 |
| A | EP 961,184 A2 (FISHER-ROSEMOUNT SYSTEMS, INC.) 01 December 1999 (01.12.1999). | 1-212 |
| A | CATON, M. JetEye Users Pay for Convenience PC Week June 1996, Vol. 13, No. 25, page 1. | 1-212 |
| A | ZULICH, M. Learning to Share in SOHO Computer Shopper, Vol. 18, No. 7, page 274. | 1-212 |
| A | WONG, W. Light Moves LAN Magazine, May 1995, Vol. 10, No. 5, page 164(4). | 1-212 |
| A | SULLIVAN, K. Hi-tech Achieved with Class; SchoolDistrict Adopts Wireless LAN to Bring PCs to Students. PC Week August 1997, Vol. 14, No. 34, pages 83(2). | 1-212 |
| A,P | US 6,178,468 B1 (RUDD et al.) 23 January 2001 (23.01.01). | 1-212 |

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PCT/US01/43796

Continuation of B. FIELDS SEARCHED Item 3:

Dialog: USPATFUL, European Patents Fulltext, PCT Fulltext, EECOMP, COMPSCI

keywords: output()object, display()object, printer, device()object, render, retrieving()(parameters or attributes), pervasive()output, remote()(processing or rendering), client, server, network, wireless, document, page,